ABSTRACT

This invention is directed toward a serum/plasma assay for the diagnosis and subsequent monitoring of patients with multiple sclerosis (MS). Assay performance characteristics indicate that the assay is accurate and repeatable. Using blood from patients with clinically definite multiple sclerosis, a clinical sensitivity of 77% and a specificity of 95% has been achieved through the measurement of circulating myelin basic protein autoantibodies. The assay provides a simple, rapid, and minimally invasive tool for the diagnosis and monitoring of progression of MS.

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Patent Application